



Monodraught are the recognised market leaders in ultra-low carbon, low energy solutions for Natural Ventilation, Natural Cooling and Natural Lighting.

WINDCATCHER®, **SUNPIPE®** and **COOL-PHASE®** brands are synonymous with quality and innovation (ISO9001 & 14001) and are supported by our market leading design service.

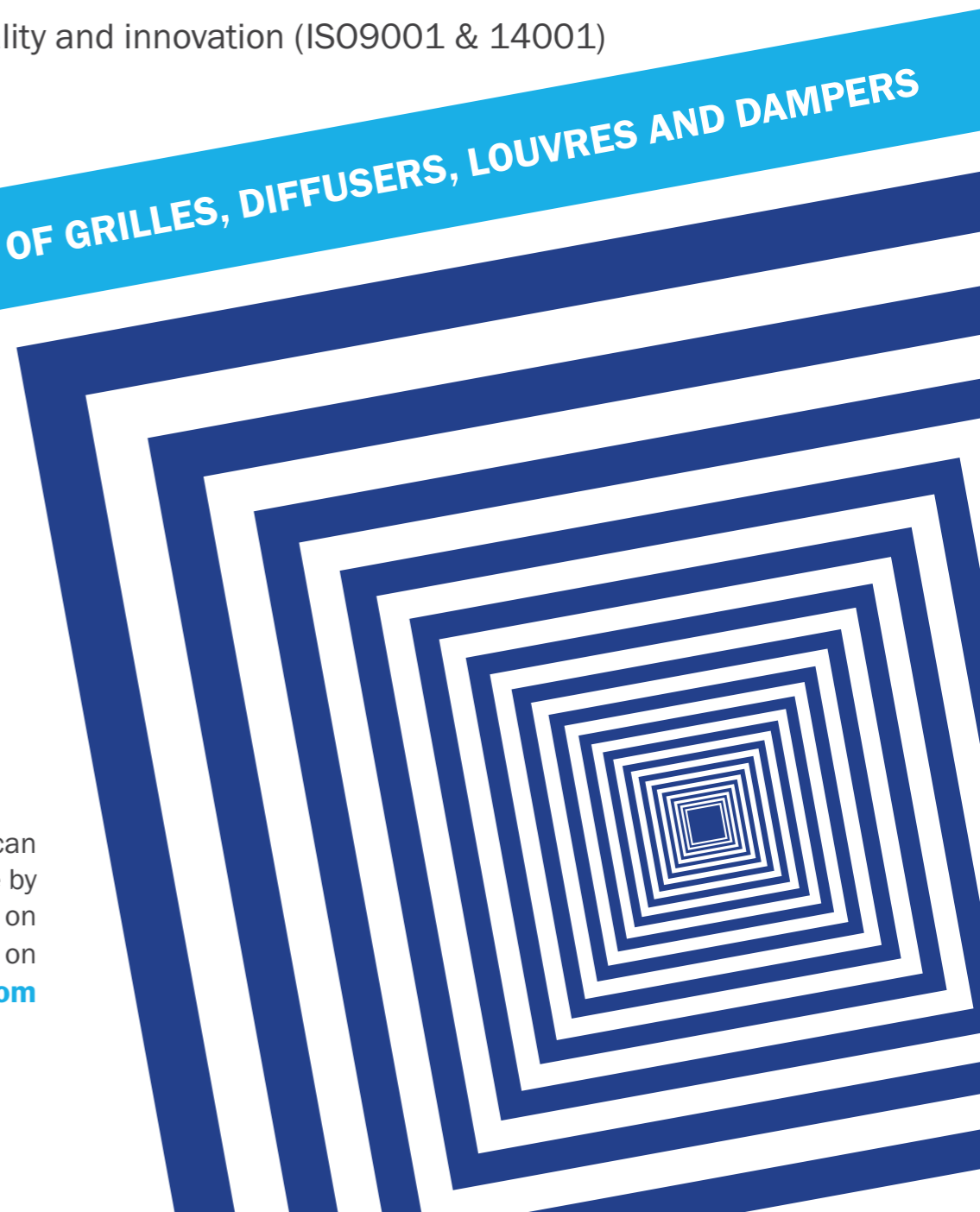
Air-Precision is an addition to Monodraught's portfolio including grilles, diffusers, external louvres and volume control dampers.

PRODUCT RANGE OF GRILLES, DIFFUSERS, LOUVRES AND DAMPERS

We are supporting this range with:

- £1 million of fast moving stock
- Bespoke manufacture with any standard RAL colour within 5 days
- 15 dedicated selection experts
- Designed with industry leading software
- Belimo actuators used throughout
- AA5 anodisation (ISO7599) utilised
- Market leading quality fully supported by a **10 year guarantee**

We are confident that we can beat any quotation you have by 10% so please contact us on **01494897700** or email us on **air-precision@monodraught.com**



Intumescent Fire Dampers - IFB60



Series IFB60 Intumescent fire dampers are 60 minute rated fire dampers.

Completely passive devices, during normal operation IFB60's have a free area of approximately 60%. Upon exposure to elevated temperatures, they expand to completely fill their aperture within approximately 5 minutes, creating a single, incombustible mass, preventing the spread of fire and hot smoke through the aperture for their rated time.

With no moving parts and a smooth plastic outer skin, IFB60's require no maintenance beyond a periodic wipe down with a damp cloth.

Suitable for use in vertical orientation in walls, doors and ducts.

Circular sizes up to and including 300 mm diameter are suitable for horizontal mounting.

Available in rectangular and circular sizes.

Materials:

- Intumescent core
- Grey plastic outer skin

Sizes:

- Rectangular:
Minimum: 75 mm x 75 mm
Maximum: 600 mm x 600 mm
Available in 25 mm increments in either direction between the above sizes.
- Circular (sizes to suit spiral ducting):
80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500 and 600 mm diameter.

Depth:

- 40 mm

Free Area:

- Approx 60%

Finish:

- Grey plastic only

Certifications:

Complete seal achieved withing approximately 5 minutes when tested in accordance with:

BS476: pts. 20 and 22

BS EN 1364-1:2000

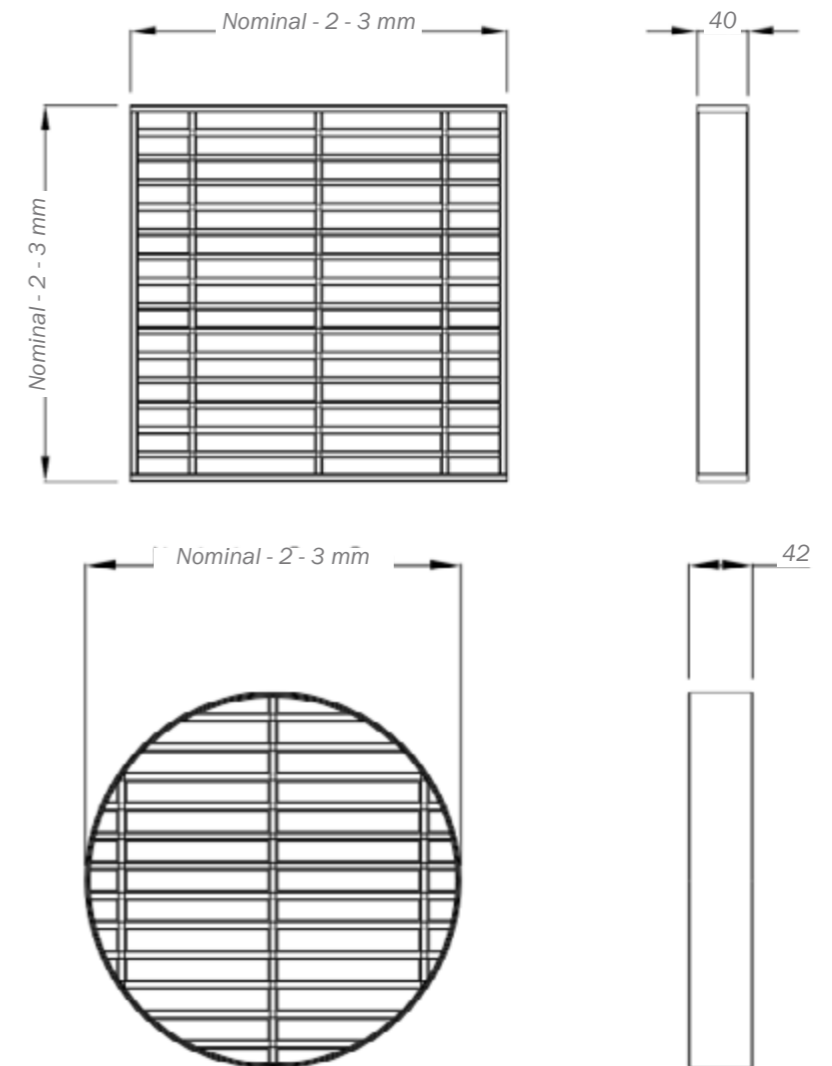
Confirmed to provide 60 minutes of fire protection when tested in accordance with the above standards.

IFB60 intumescent fire dampers are **Certifire** accredited.



Technical Drawings:

Sizes are taken to be nominal and will have a tolerance (2 - 3 mm) removed to aid fitting.



Cover Grilles:

Intumescent fire dampers are frequently used in fire doors. In these situations a cover grille is desirable on both sides of the door to hide the damper and the cut out itself. Monodraught uses the NV4 surface mounted non-vision grille specifically for these installations.

Intumescent Fire Dampers - IFB120



Series IFB120 Intumescent fire dampers are 120 minute rated, heavy duty fire dampers.

IFB120 dampers differ from IFB60 units by making use of a steel outer skeleton. This assists in maintaining the damper's shape, bracing it against the deforming forces which can twist and crush ductwork during fire.

With no moving parts and a smooth steel outer skin, IFB120' require no maintenance beyond a periodic wipe down with a damp cloth.

Suitable for use in both vertical and horizontal applications.

Can be manufactured in sections to suit sizes over 600 mm high/ wide/ diameter.

Available in rectangular and circular sizes.

Materials:

- Intumescent core
- Galvanised steel outer skin

Sizes:

- Rectangular:
Minimum: 50 mm x 50 mm
Maximum: 600 mm x 600 mm
Available in any sizes between the above (no increments)
Sizes above 600 mm x 600 mm are available and would be made in sections (joining tabs factory fitted)
- Circular (sizes to suit spiral ducting):
80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500 and 600 mm diameter.

Depth:

- 44 mm

Free Area:

- Approx 60%

Finish:

- Zintec steel only

Certifications:

Complete seal achieved withing approximately 2 minutes when tested in accordance with:

BS476: pts. 20 and 22

BS EN 1364-1:2000

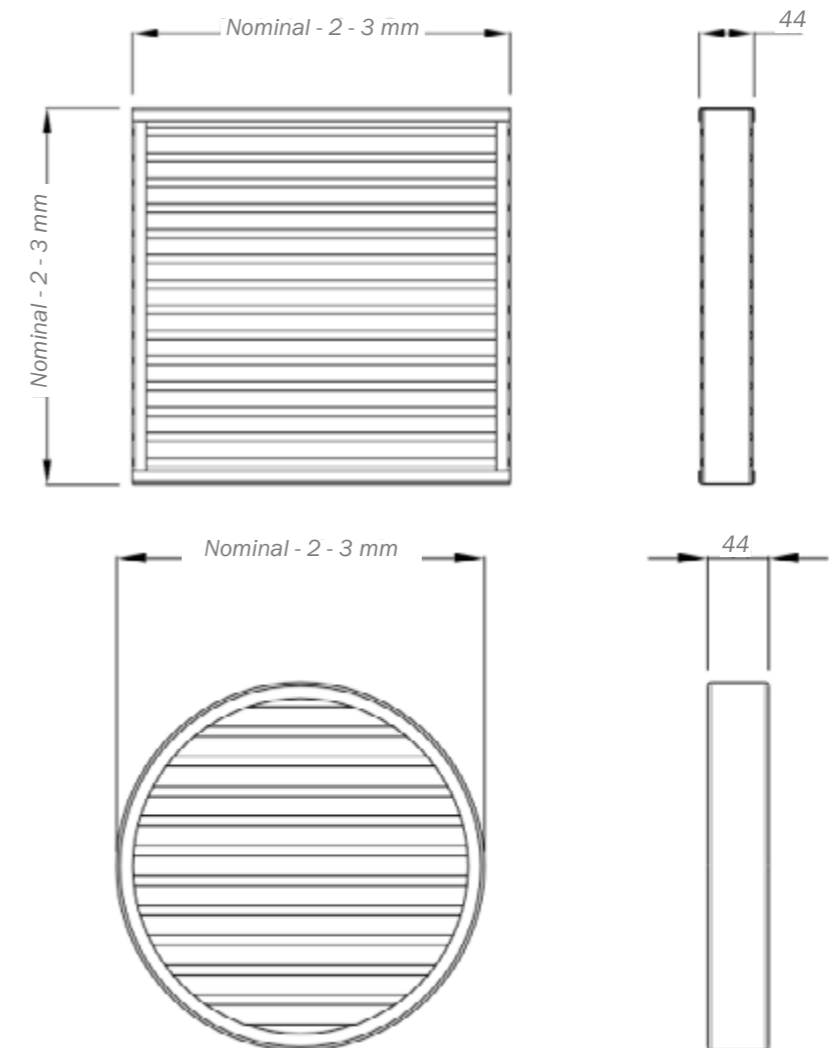
Confirmed to provide 120 minutes of fire protection when tested in accordance with the above standards.

IFB120 intumescent fire dampers are **Certifire** accredited.




Technical Drawings:


Sizes are taken to be nominal and will have a tolerance (2 - 3 mm) removed to aid fitting.





Cover Grilles:

Intumescent fire dampers are frequently used in fire doors. In these situations a cover grille is desirable on both sides of the door to hide the damper and the cut out itself. Monodraught uses the NV4 surface mounted non-vision grille specifically for these installations.

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 **Monodraught**[®]
engineering delivered. naturally

